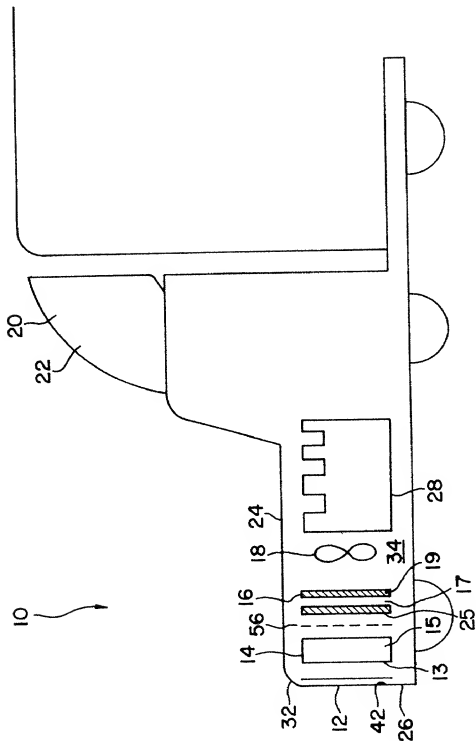


FIG. 1



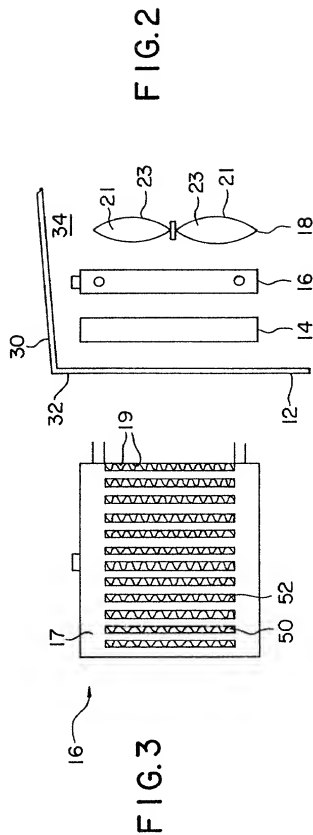
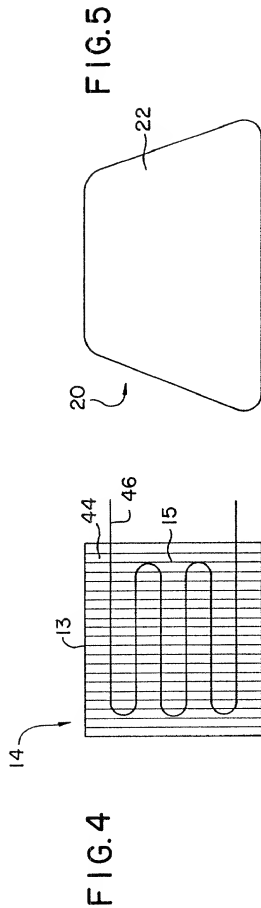


FIG. 6

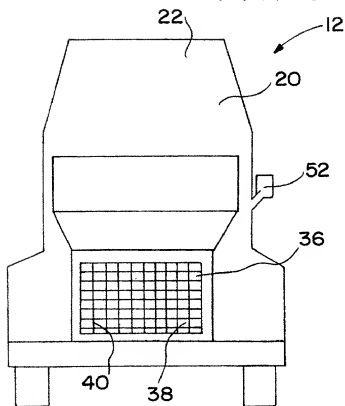
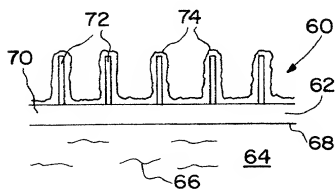


FIG. 7



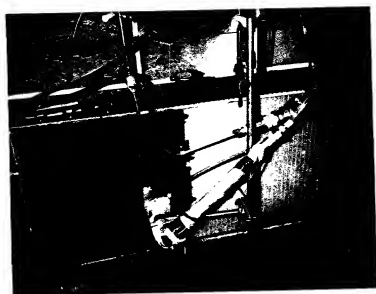
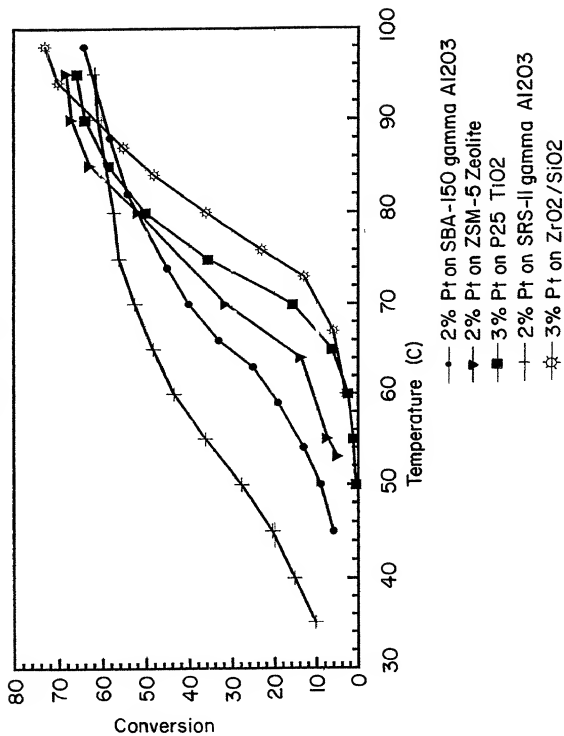
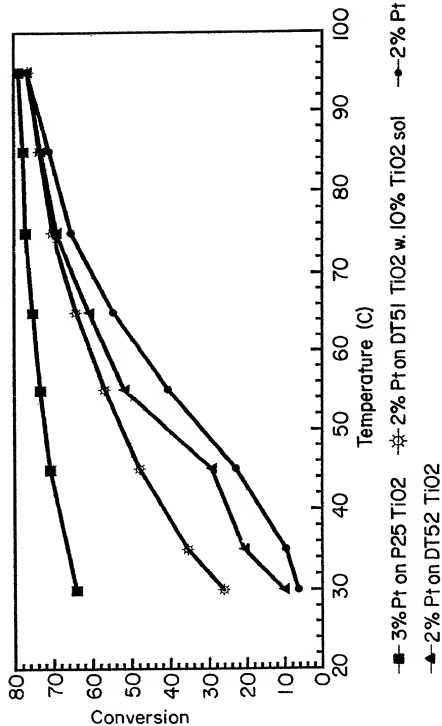


FIG.8

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Al2O3

FIG. 12

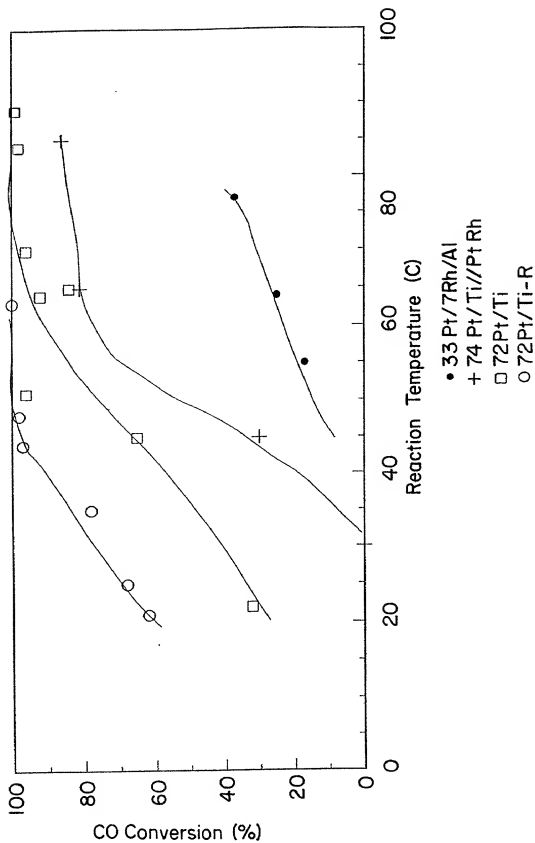


FIG. 13

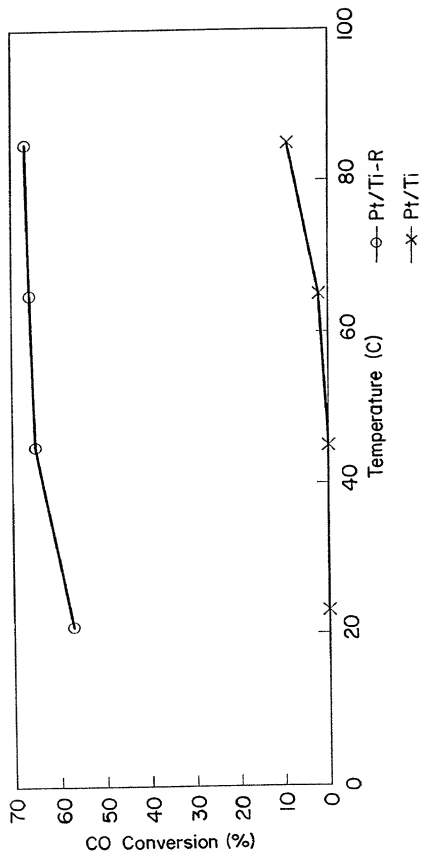


FIG. 14

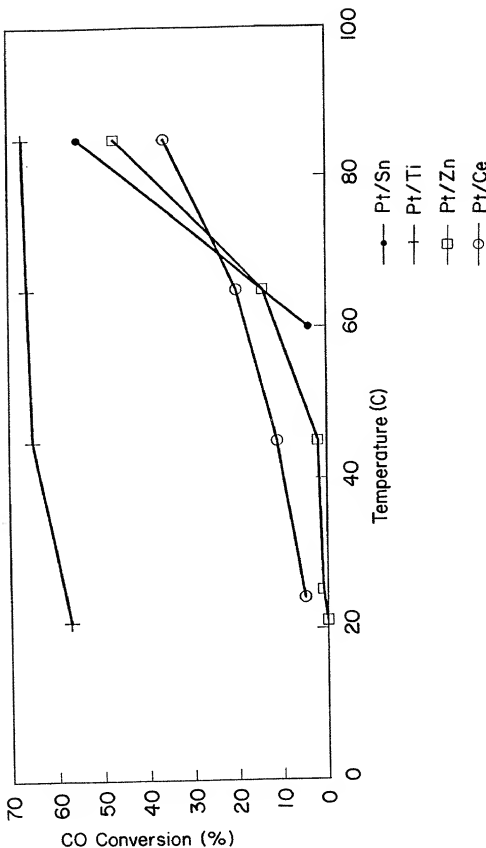


FIG. 15

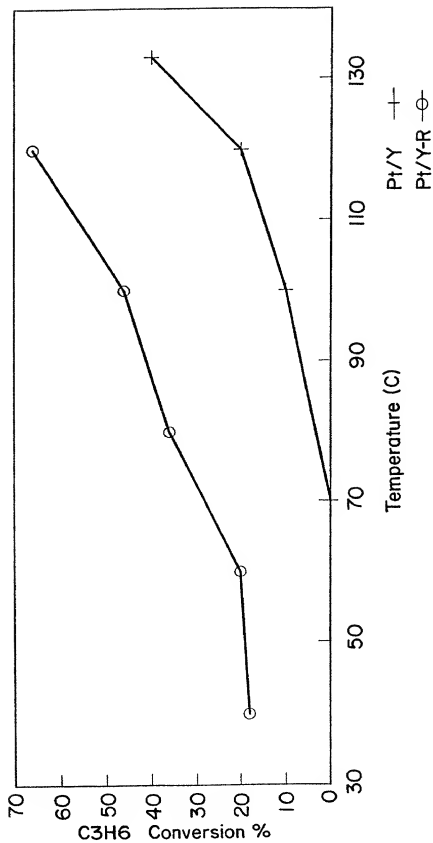


FIG. 16

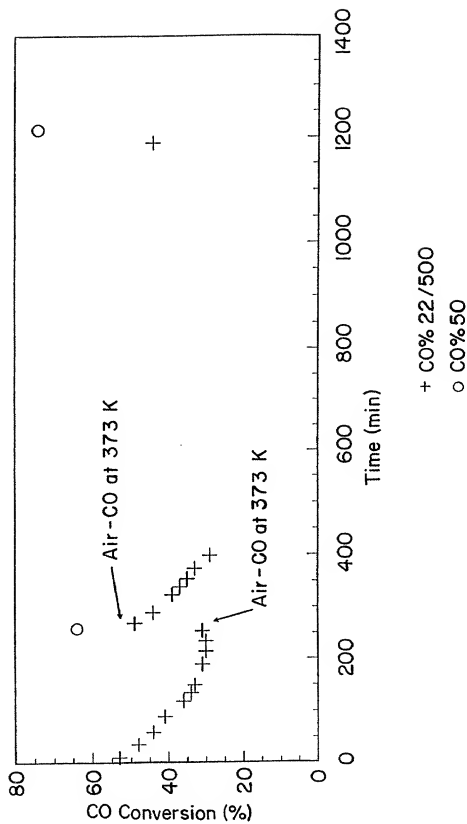
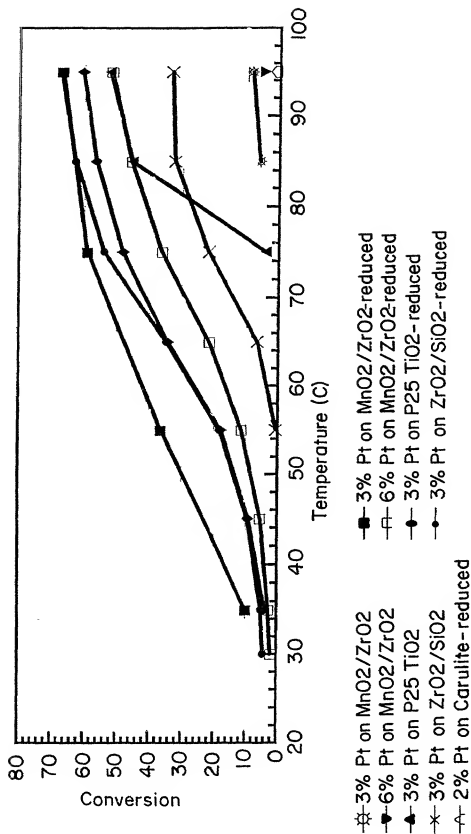


FIG. 17



- ☆ 3% Pt on MnO₂/ZrO₂
- ▼ 6% Pt on MnO₂/ZrO₂
- ▲ 3% Pt on P25 TiO₂
- ✱ 3% Pt on ZrO₂/SiO₂
- △ 2% Pt on Carulite-red

■ 3% Pt on MnO₂/ZrO₂-reduced
 □ 6% Pt on MnO₂/ZrO₂-reduced
 ● 3% Pt on P25 TiO₂-reduced
 ○ 3% Pt on ZrO₂/SiO₂-reduced

FIG. 18

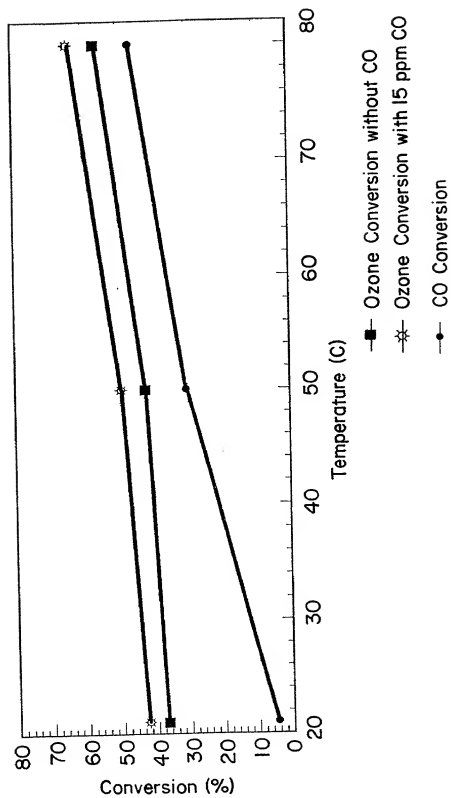
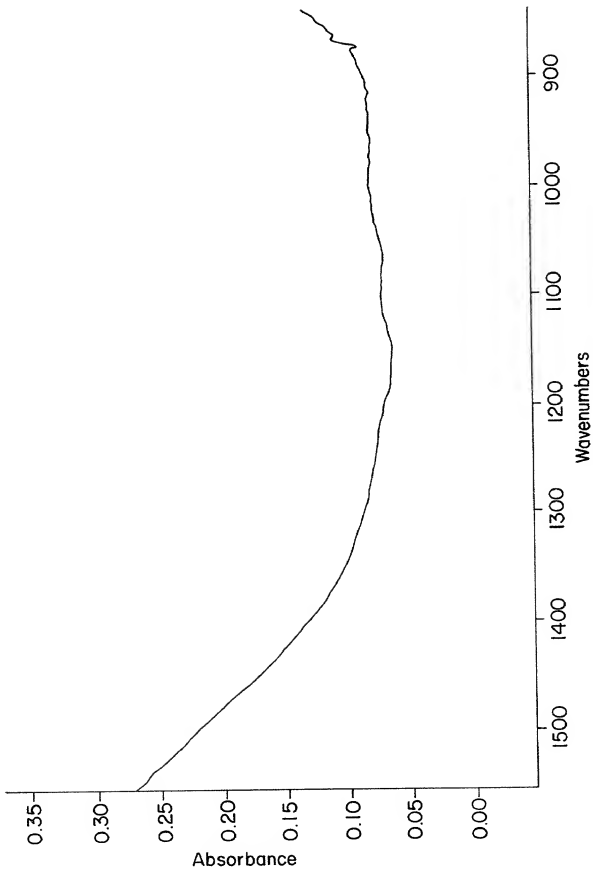


FIG. 19



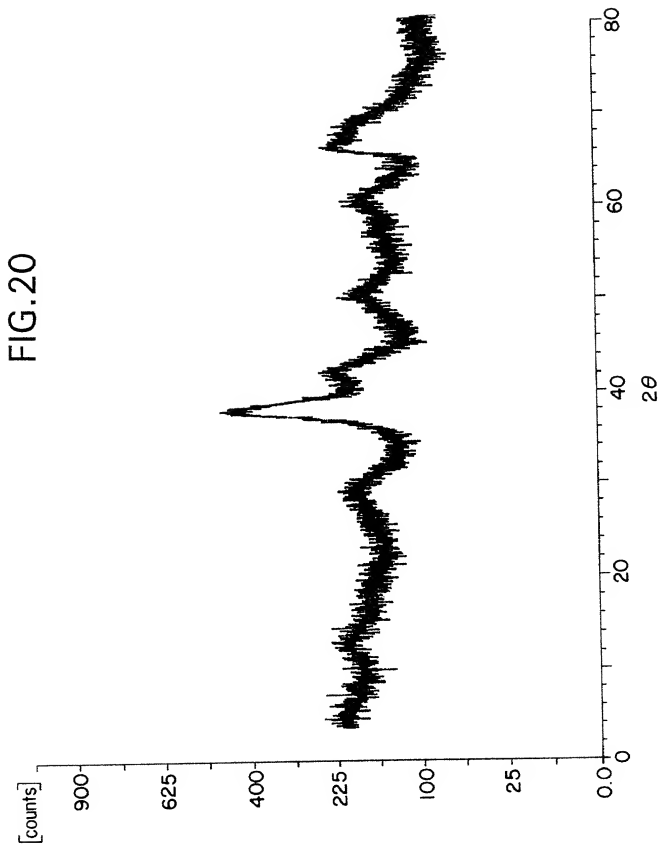


FIG. 21

